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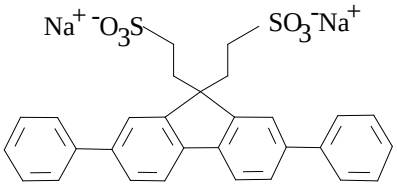
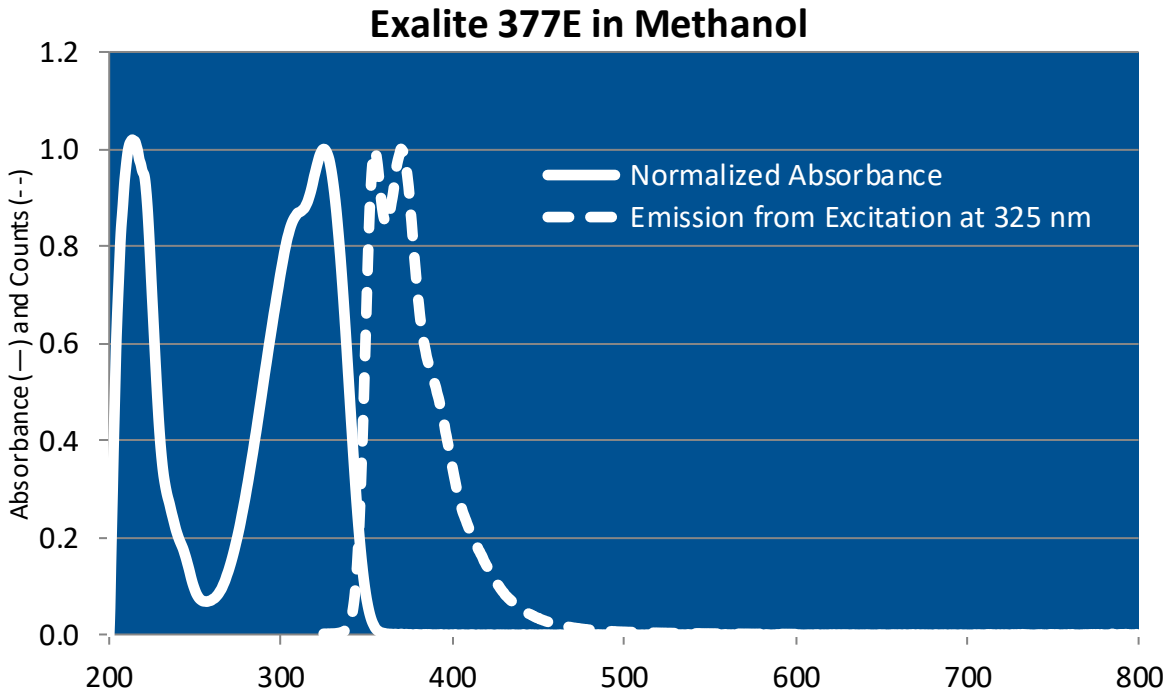
EXALITE 377E

Synonym: Disodium 2,2'-[2,7-diphenyl-9*H*-fluorene]-bis-9,9-[1-ethane-sulfonate]
Catalog No.: 03770
CAS No.: 161937-34-4 **MW:** 578.58
Chemical Formula: $C_{29}H_{24}S_2O_6Na_2$
Appearance: White crystalline powder
Structure:



Lasing Wavelength Max. (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs λ-max	Fl λ-max
NOTE: Exalite 377E, 392E, and 400E are NOT recommended for pumping with XeCl(308nm). Also, the Exalite E series of dyes is especially designed and suited for dissolving in ethylene glycol, therefore, the "E" designation.						
377	367-392	Ar(300-330),2W[17,177]	EG	2.6×10^{-3}	325[eg]	379[eg]
	365-401	Ar(300-330),3W[17,177]	EG	2.6×10^{-3}		
377	365-400	Ar(300-330),3W[17,177]	EG	1.8×10^{-3}		

eg = ethylene glycol



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The information presented above is believed to be accurate but is not a specification. The customer is fully responsible for determining the suitability of this product for use in their application. Exciton, Inc. does not represent that the information is sufficient or complete for any specific application.

REFERENCES:

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177. Exciton and Associates, unpublished data, 1987-1989;
a. Characterization of New Excimer Pumped UV Laser Dyes I. p-Terphenyls, D.J. Schneider, D.A. Landis, P.A. Fleitz, C.J. Seliskar, J.M. Kauffman and R.N. Steppel, *Laser Chem*., 11, 49 (1991);

b. Characterization of New Excimer Pumped UV Laser Dyes 2. p-Quaterphenyls, P.A. Fleitz, C.J. Seliskar, R.N. Steppel, J.M. Kauffman, C.J. Kelley and A. Ghiorghis, *Laser Chem.*, 11, 99 (1991);

c. Characterization of New Excimer Pumped UV Laser Dyes 3. p-Quinqui-, Sexi-, Octi- and Deciphenyls, C.J. Seliskar, D.A. Landis, J.M. Kauffman, M.A. Aziz, R.N. Steppel, C.J. Kelley, Y. Qin and A. Ghiorghis, Laser Chem., 13(1), 19 (1993)